

Author index

A

ALUMBAUGH, CECIL E., JR. (*See* DiSALVO, ALUMBAUGH, KWOCKA, PILVELIS, AND WILLCOX), 473

B

BENCH, RUEL W. (*See* RICKETTS, BENCH, HILGERS, AND SCHULHOF), 1

BENEDICTO, ERLINDA A. (*See* NAHOUM, HOROWITZ, AND BENEDICTO), 486

BERGERSEN, EARL O. A cephalometric study of the clinical use of the mandibular labial bumper, 578

BERNICK, SOL. (*See* FURSTMAN AND BERNICK), 138

BIGGERSTAFF, ROBERT H., AND WELLS, JAMES A. Computerized analysis of occlusion in the postcanine dentition, 245

BISHARA, SAMIR E. Management of diastemas in orthodontics, 55

BRADER, ALLEN C. Dental arch form related with intraoral forces: PR = C, 541

BROPHY, JAMES E. Representative government in professional organizations, 163

C

CHAN, GORDON KAM-HUNG. A cephalometric appraisal of the Chinese (Cantones), 279

CHIERICI, GEORGE. (*See* HARVOLD, CHIERICI, AND VARGERVIK), 38

CUTLER, BARRY S., HASSIG, FRED H., AND TURPIN, DAVID L. Dentofacial changes produced during and after use of a modified Milwaukee brace on *Macaca mulatta*, 115

D

DI SALVO, NICHOLAS A., ALUMBAUGH, CECIL E., JR., KWOCKA, WILLIAM, PILVELIS, ALBERT A., JR., AND WILLCOX, JAMES R. Genetic influence on mesiodistal width of deciduous anterior teeth, 473

DROEL, RODGER, AND ISAACSON, ROBERT J. Some relationships between the glenoid fossa position and various skeletal discrepancies, 64

January, pp. 1-104; February, pp. 105-218; March, pp. 219-330; April, pp. 331-436; May, pp. 437-540; June, pp. 541-652.

F

FURSTMAN, LAWRENCE, AND BERNICK, SOL. Clinical considerations of the periodontium, 138

G

GREWE, JOHN M., AND HAGAN, DONALD V. Malocclusion indices: A comparative evaluation, 286

GROBETY, D. (*See* PFEIFFER AND GROBETY), 353

H

HAGAN, DONALD V. (*See* GREWE AND HAGAN), 286

HARVOLD, EGIL P., CHIERICI, GEORGE, AND VARGERVIK, KARIN. Experiments on the development of dental malocclusions, 38

HASSIG, FRED H. (*See* CUTLER, HASSIG, AND TURPIN), 115

HERSHEY, H. GARLAND. Incisor tooth retraction and subsequent profile change in postadolescent female patients, 45

HILGERS, JAMES J. (*See* RICKETTS, BENCH, HILGERS, AND SCHULHOF), 1

HOROWITZ, SIDNEY L. (*See* NAHOUM, HOROWITZ, AND BENEDICTO), 486

I

ISAACSON, ROBERT J. (*See* DROEL AND ISAACSON), 64

J

JOHNSON, EARL, AND TAYLOR, ROBERT C. A surgical-orthodontic approach in up-righting impacted mandibular second molars, 508

K

KROGMAN, WILTON M. Use of computers in orthodontic analysis and diagnosis: A symposium, 219

KWOCKA, WILLIAM. (*See* DI SALVO, ALUMBAUGH, KWOCKA, PILVELIS, AND WILLCOX), 473

L

- LATHAM, R. A. The sella point and postnatal growth of the human cranial base, 156
 LAVELLE, C. L. B. Maxillary and mandibular tooth size in different racial groups and in different occlusal categories, 29
 LEHMAN, FREDRICK B. A national dental organization looks at the American Dental Association, 619
 LOMBARDI, ANGELO R. Mandibular incisor crowding in completed cases, 374

M

- MASSENGILL, RAYMOND, JR., ROBINSON, MARY, AND QUINN, GALEN. Cinefluorographic analysis of tongue-thrusting, 402
 MOSS, MELVIN L. Twenty years of functional cranial analysis, 479

N

- NAHOUM, HENRY I., HOROWITZ, SIDNEY L., AND BENEDICTO, ERLINDA A. Varieties of anterior open-bite, 486

P

- PARKER, GEORGE R. Transseptal fibers and relapse following bodily retraction of teeth: A histologic study, 331
 PECK, HARVEY, AND PECK, SHELDON. An index for assessing tooth shape deviations as applied to the mandibular incisors, 384
 PECK, SHELDON. (*See Peck and Peck*), 384
 PFEIFFER, J. P., AND GROBETY, D. Simultaneous use of cervical appliances and activation: An orthopedic approach to fixed appliance therapy, 353
 PILVELIS, ALBERT A., JR. (*See Di Salvo, Alumbaugh, Kwochka, Pilvelis, and Willcox*), 473

Q

- QUINN, GALEN. (*See Massengill, Robinson, and Quinn*), 402

R

- RICKETTS, ROBERT M., BENCH, RUEL W., HILGERS, JAMES J., AND SCHULHOF, ROBERT. An overview of computerized cephalometrics, 1
 ROBINSON, MARY. (*See Massengill, Robinson, and Quinn*), 402

S

- SALZMANN, J. A. An appraisal of surgical orthodontics, 105
 —. Effect of molecular genetics and genetic engineering on the practice of orthodontics, 437
 SANIN, CARLOS, AND SAVARA, BHIM S. The development of an excellent occlusion, 345
 SASSOUNI, VIKEN. Dentofacial orthopedics: A critical review, 255
 SAVARA, BHIM S. The role of computers in dentofacial research and the development of diagnostic aids, 231
 —. (*See Sanin and Savara*), 345
 —. (*See Sekiguchi and Savara*), 603
 SCHULHOF, ROBERT. (*See Ricketts, Bench, Hilgers, and Schulhof*), 1
 SEKIGUCHI, TAKESHI, AND SAVARA, BHIM S. Variability of cephalometric landmarks used for face growth studies, 603
 SHANKLAND, WILBUR M. The AAO Library: A major accomplishment, 409
 SIMS, MILTON R. Loop systems—A contemporary reassessment, 270
 STEUER, IRWIN. The cranial base for superimposition of lateral cephalometric radiographs, 493

T

- TAYLOR, ROBERT C. (*See Johnson and Taylor*), 508
 TERRY, H. K. Presidential address at AAO annual session in New Orleans, 295
 TULLEY, W. J. The scope and limitations of treatment with the activator, 562
 TURPIN, DAVID L. (*See Cutler, Hassig, and Turpin*), 115

V

- VARGERVIK, KARIN. (*See Harvold, Chierici, and Vargervik*), 38

W

- WALKER, GEOFFREY F. A new approach to the analysis of craniofacial morphology and growth, 221
 WELLS, JAMES A. (*See Biggerstaff and Wells*), 245
 WILLCOX, JAMES R. (*See Di Salvo, Alumbaugh, Kwochka, Pilvelis, and Willcox*), 473
 WOOD, B. G. Three-dimensional arch correction in patients with unilateral cleft lip and palate, 501

Reviews and abstracts

- | | |
|--|--|
| <p>A</p> <p>ALDERMAN, M. M., 307</p> | <p>I.</p> <p>LYNCH, M.A., 307</p> |
| <p>B</p> <p>BAKER, E. WILLSON, 415</p> <p>BAUM, BRUCE J., 85</p> <p>BEASLEY, JOE D., III, 194</p> <p>BEATTY, ROBERT A., 85</p> <p>BHASKAR, SURINDAR N., 194</p> <p>BLIZZARD, ROBERT, 195</p> <p>BOER, MARTJE DE, 87</p> <p>BORDEAUX, JAMES G., 629</p> <p>BRIGHTMAN, V. J., 307</p> <p>BURKETT, LESTER W., 307</p> | <p>M</p> <p>McCLENDON, B., 196</p> <p>MAGUIRE, F. T., 526</p> |
| <p>C</p> <p>CASTIGLIANO, S. G., 307</p> <p>CHURCH, LLOYD E., 195</p> <p>COHEN, M. MICHAEL, 85</p> <p>CUTRIGHT, DUANE E., 194</p> | <p>N</p> <p>NYLANDER, P. P. S., 86</p> |
| <p>D</p> <p>DAHL, ERIK, 86</p> | <p>P</p> <p>PARLOW, R. J., 309</p> <p>PEREZ, BIENVENIDO, 194</p> |
| <p>F</p> <p>FORREST, EDWARD J., 308</p> <p>FRISCH, JOE, 194</p> | <p>R</p> <p>ROHRER, HARRY O., JR., 525</p> <p>ROSENBERG, M. N., 524</p> |
| <p>G</p> <p>GROSS, ARTHUR, 194</p> | <p>S</p> <p>SASSOUNI, B. VIKEN, 308</p> <p>SHIP, IRWIN I., 307</p> <p>SMITH, S., 196</p> <p>SPOLSKY, W., 196</p> <p>STOLLER, ARNOLD EDGAR, 193</p> <p>SUGAR, OSCAR, 85</p> <p>SUOMI, D., 196</p> <p>SUTCHER, HOWARD D., 85</p> |
| <p>H</p> <p>HARNETT, J. H., 417</p> <p>HOROWITZ, S., 196</p> | <p>T</p> <p>THOMAS, JESSE M., 630</p> |
| <p>J</p> <p>JOHANSON, ANN, 195</p> | <p>U</p> <p>UNDERWOOD, ROBERT B., 85</p> |
| <p>K</p> <p>KIM, YOUNG YONG, 416</p> | <p>V</p> <p>VITAGLIANO, PASQUALE A., 528</p> |
| | <p>W</p> <p>WHITE, ROGER E., 527</p> |

Subject index

A

Activator, scope and limitations of treatment with (Tulley), 562
simultaneous use of cervical appliance and (Pfeiffer and Grobety), 353
American Association of Orthodontists, 163, 295, 407, 515, 619
ABO, and Council on Research announce award winners, 200
announces new audio-visual program, 625
Board of Trustees, councils, and committees, directory, 217
constituent society presidents, 530, 632
consider orthodontic health proposals, 188, 302 (Editorials)
Council on Orthodontic Education sponsors June teachers' conference, 530
Council on Research announces award requirements for 1972, 639
House of Delegates and Association member, 413 (Editorial)
Library (Shankland), 409
membership totals hit new all-time high, 634
officers and organizations, directory, 104, 217, 330, 436, 540, 642
Presidents Laughlin and Lehman discuss interprofessional responsibilities, 407
sets requirements for attendance at annual sessions, 89
seventy-first annual session, presidential address (Terry), 295
seventy-second annual session, case for panel discussion, 299
comprehensive program completed, 418
Denver: where action is in world of orthodontics, 311
enticing social events planned for ladies, 420
officers for, 198
preliminary program, 618
program planning in final stages for Denver meeting, 89
record attendance forecast, 197
reference committee hearings scheduled, 419
seventy-third annual session scheduled in new Dallas convention center, 631
to feature practice efficiency, 529
American Board of Orthodontics, 92
historic Denver site of founding, 421
sets new examination schedule, 632

American Cleft Palate Association, 203
American Dental Association and Canadian Dental Association specialty training programs receive joint approval, 203
conference on related dental organizations, President Lehman to address, 95
national dental organization looks at (Lehman), 619
Presidents Laughlin and Lehman discuss interprofessional responsibilities, 407
American Fund for Dental Education, 534
Angle Society of Europe, 96
Appliance, cervical, and activator, simultaneous use (Pfeiffer and Grobety), 353
fixed, therapy, cephalometric appraisal of changes in maxillofacial complex resulting from palatal suture expansion utilizing, 527 (Abst.)
orthopedic approach; simultaneous use of cervical appliance and activator (Pfeiffer and Grobety), 353
universal, 193 (B. rev.)
Arch correction, three-dimensional, in patients with unilateral cleft lip and palate (Wood), 501
dental, form related with intraoral forces: PR-C (Brader), 541
Audio-visual program, AAO announces new, 625
Auxiliaries, torquing, time-dependent reduction in force due to wire fatigue in various round and rectangular, 416 (Abst.)

B

Baylor Orthodontic Alumni Association, 97
Begg orthodontic treatment, overbite correction and stability in both extraction and nonextraction, 528 (Abst.)
treatment, incidence and amount of apical root resorption and dilaceration occurring in orthodontically treated teeth having incompletely formed roots at beginning of, 524 (Abst.)
Beltline orthodontics, 79 (Editorial)
British Association of Orthodontists, 427, 535, 638

January, pp. 1-104; February, pp. 105-218; March, pp. 219-330; April, pp. 331-436; May, pp. 437-540; June, pp. 541-652.

- British Society for the Study of Orthodontics, 201
Broussard Society for Clinical Orthodontics and Research, 532
Bull, Harry L., honored by memorial library, 534
Bumper, mandibular labial, cephalometric study of clinical use (Bergersen), 578
- C
- Calculus, oral, in children, 196 (Abst.)
Canadian Dental Association and American Dental Association, specialty training programs receive joint approval, 203
Cephalometric appraisal of Chinese (Cantonese) (Chan), 279
landmarks used for face growth studies, variability of (Sekiguchi and Savara), 603
radiographs, lateral, cranial base for superimposition (Steuer), 493
Cephalometrics, computerized (Ricketts et al.), 1
Chinese (Cantonese), cephalometric appraisal (Chan), 279
Chromosome aberrations; effect of molecular genetics and genetic engineering on practice of orthodontics (Salzmann), 444
Cinefluorographic analysis of tongue-thrusting (Massengill, Robinson, and Quinn), 402
Cleft lip and palate, congenital, craniofacial morphology, 86 (Abst.)
unilateral, three-dimensional arch correction in patients with (Wood), 501
Columbia Orthodontic Alumni Society, 204, 312
Computerized analysis of occlusion in post-canine dentition (Biggerstaff and Wells), 245
cephalometrics (Ricketts et al.), 1
Computers, role in dentofacial research and development of diagnostic aids (Savara), 231
use in orthodontic analysis and diagnosis: symposium, 219
Conference on National Dental Organizations, second, Presidents Laughlin and Lehman discuss interprofessional responsibilities, 407
Cranial analysis, functional, twenty years of (Moss), 479
base for superimposition of lateral cephalometric radiographs (Steuer), 493
human, sella point and postnatal growth (Latham), 156
morphology, mandibular growth related to, cephalometric appraisal, 629 (Abst.)
Craniofacial morphology and growth, new approach to analysis (Walker), 221
in congenital clefts of lip and palate, 86 (Abst.)
- Crowding, mandibular incisor, in completed cases (Lombardi), 374
Crozat Study Club, 422, 535, 639
- D
- Dental arch form related with intraoral forces: PR = C (Brader), 541
development in children between 5 and 10 years, 87 (Abst.)
practice, orthodontics in, 308 (B. rev.)
water jet devices, 194 (Abst.)
Dentition, permanent, agenesis in, 85 (Abst.)
postcanine, occlusion in, computerized analysis (Biggerstaff and Wells), 245
Dentofacial abnormalities and chromosome aberrations; effect of molecular genetics and genetic engineering on practice of orthodontics (Salzmann), 449
changes produced during and after use of modified Milwaukee brace on *Macaca mulatta* (Cutler, Hassig, and Turpin), 115
orthopedics (Sassouni), 255
research and development of diagnostic aids, role of computers (Savara), 231
Denver Summer Meeting for the Advancement of Orthodontic Practice and Research, 427, 532, 634
Dewey, Martin, Memorial Award to A. P. Westfall, 314
Diagnosis, orthodontic analysis and, use of computers: symposium, 219
Diagnostic aids, role of computers in dentofacial research and development of (Savara), 231
Diastemas, management in orthodontics (Bishara), 55
Dyskinesia, orofacial, 85 (Abst.)
- E
- European Begg Society of Orthodontics, 98, 211, 324, 431
European Orthodontic Society Congress, 95, 210, 314, 423, 535, 636
- F
- Face growth studies, variability of cephalometric landmarks used for (Sekiguchi and Savara), 603
height, anterior, influence of various orthodontic techniques, 525 (Abst.)
effect of lowering postural position of mandible; experiments on development of dental malocclusions (Harvold, Chierici, and Vargervik), 38
Fairleigh Dickinson University, 198, 429
Fédération Dentaire Internationale schedules orthodontic panel for World Dental Congress in Mexico, 426, 531, 636
Fingerprints and determination of zygosity in twins, 86 (Abst.)

- Force, extraoral, upon maxillary first molar in nonextraction treatment of Class II, Division 1 malocclusion, and its contribution to overbite correction, cephalometric study, 526 (Abst.)
 intraoral, dental arch form related with: $PR = C$ (Brader), 541
 time-dependent reduction due to wire fatigue in various round and rectangular torquing auxiliaries, 416 (Abst.)
 Functional cranial analysis, twenty years of (Moss), 479

G

- Genetic influence on mesiodistal width of deciduous anterior teeth (Di Salvo et al.), 473
 Genetics, molecular, and genetic engineering, effect on practice of orthodontics (Salzmann), 437
 Glenoid fossa position and various skeletal discrepancies, some relationships between (Droel and Isaeson), 64
 Great Lakes Society of Orthodontists, 207
 Growth, craniofacial morphology and, new approach to analysis (Walker), 221
 face, studies, variability of cephalometric landmarks used for (Sekiguchi and Savara), 603
 mandibular, related to cranial base morphology, cephalometric appraisal, 629 (Abst.)
 postnatal, of human cranial base, sella point and (Latham), 156

H

- Hawaii Orthodontic Congress, 427
 Heredity and malocclusion; effect of molecular genetics and genetic engineering on practice of orthodontics (Salzmann), 438
 Holdaway, Reed A., receives merit award, 533

I

- In memoriam, John Reinhart Abel, 523
 Brooks Bell, 83
 Harry H. Bleecker, 522
 Richard Emmet Cline, 521
 Gerard A. Devlin, 82
 William Carr McGovern, 520
 Incisor and molar heights in hypodivergent, hyperdivergent, and normal patients, radiographic cephalometric appraisal of proportional relationship, 309 (Abst.)
 mandibular, crowding in completed cases (Lombardi), 374
 index for assessing tooth shape deviations as applied to (Peck and Peck), 384
 tooth retraction and subsequent profile change in postadolescent female patients (Hershey), 45

- Index for assessing tooth shape deviations as applied to mandibular incisors (Peck and Peck), 384
 Indices, malocclusion: comparative evaluation (Grewe and Hagan), 286
 International conference on craniofacial morphogenesis sponsored by University of Nymegen, 203, 323
 International Congress of Primatology, fourth, 200, 637
 International Orthodontic Congress, third, 91, 320, 428, 515

J

- Jarabak Orthodontic Research Foundation, 97

L

- Labial bumper, mandibular, cephalometric study of clinical use (Bergersen), 578
 Lancaster Cleft Palate Clinic, 421, 639
 Lehman, Fredrick B., to address ADA conference on related dental organizations, 95
 Loop systems—contemporary reassessment (Sims), 270

M

- Malocclusion, Class II, Division 1, extraoral force upon maxillary first molar in nonextraction treatment of, and its contribution to overbite correction, cephalometric study, 526 (Abst.)
 dental, experiments on development (Harvold, Chierici, and Vargervik), 38
 heredity and; effect of molecular genetics and genetic engineering on practice of orthodontics (Salzmann), 438
 indices: comparative evaluation (Grewe and Hagan), 286
 relationship of ramal-condylar angle to, 415 (Abst.)
 tooth size as etiologic factor; maxillary and mandibular tooth size in different racial groups and in different occlusal categories (Lavelle), 29
 Malpractice, prevention of, 195 (Abst.)
 Mandible, changes in postural position; experiments on development of dental malocclusions (Harvold, Chierici, and Vargervik), 38
 growth related to cranial base morphology, cephalometric appraisal, 629 (Abst.)
 Maxillofacial complex changes resulting from palatal suture expansion utilizing fixed appliance therapy, cephalometric appraisal, 527 (Abst.)
 Mesiodistal width of deciduous anterior teeth, genetic influence (Di Salvo et al.), 473

Middle Atlantic Society of Orthodontists, 92
Midwestern Society of Orthodontists, 321
Milwaukee brace, modified, dentofacial changes produced during and after use on *Macaca mulatta* (Cutler, Hassig, and Turpin), 115
Minnesota Society of Orthodontists, 96
Molar and incisor heights in hypodivergent, hyperdivergent, and normal patients, radiographic cephalometric appraisal of proportional relationship, 309 (Abst.)
mandibular second, impacted, surgical-orthodontic approach in uprighting (Johnson and Taylor), 508
maxillary first, extraoral force upon, in nonextraction treatment of Class II, Division 1 malocclusion, and its contribution to overbite correction, cephalometric study, 526 (Abst.)
Morphology and growth, craniofacial, new approach to analysis (Walker), 221

N

National Children's Dental Health Week, date set, 96
News and comment, 89, 197, 311, 418, 529, 631
Northeastern Society of Orthodontists, 205

O

Occlusion, development of excellent (Sanin and Savara), 345
in postcanine dentition, computerized analysis (Biggerstaff and Wells), 245
Oklahoma Orthodontic Society, 532
Open-bite, anterior, varieties of (Nahoum, Horowitz, and Benedicto), 486
Oral calculus in children, 196 (Abst.)
medicine, diagnosis and treatment, 307 (B. rev.)
Orofacial dyskinesia, 85 (Abst.)
Orthodontic analysis and diagnosis, use of computers: symposium, 219
health proposals considered by AAO constituent society presidents, 188, 302 (Editorials)
movement of teeth in guinea pig, effect of zinc sulfate, 417 (Abst.)
techniques, influence of various, on anterior facial height, 525 (Abst.)
Orthodontic Education and Research Foundation, 97
student loan fund of \$200,000.00 set by, 633
Orthodontics, beltline, 79 (Editorial)
can surgery replace? 627 (Editorial)
continuing education courses sponsored by university dental schools, 99, 211, 325, 431, 536, 640
in dental practice, 308 (B. rev.)
management of diastemas in (Bishara), 55
practice of, effect of molecular genetics and genetic engineering (Salzmann), 437

Orthodontics—Cont'd
reliability of prediction, 518 (Editorial)
surgical, appraisal (Salzmann), 105
Orthopedic approach to fixed appliance therapy; simultaneous use of cervical appliance and activator (Pfeiffer and Grobety), 353
Orthopedics, dentofacial (Salzmann), 255
Overbite correction and stability in both extraction and nonextraction Begg orthodontic treatment, 528 (Abst.)
extraoral force upon maxillary first molar in nonextraction treatment of Class II, Division 1 malocclusion, and its contribution to, cephalometric study, 526 (Abst.)
Overparalleling as factor in stability of treatment, 630 (Abst.)

P

Pacific Coast Orthodontic Consultation Group, 201, 313, 532, 635
Pacific Coast Society of Orthodontists, 430
Palatal suture expansion utilizing fixed appliance therapy, cephalometric appraisal of changes in maxillofacial complex resulting from, 527 (Abst.)
Periodontium, clinical considerations (Furstman and Bernick), 138
Practice announcements, 103, 215, 329, 435, 539, 641
Prediction in orthodontics, reliability, 518 (Editorial)
Professional organizations, representative government in (Brophy), 163
Profile change subsequent to incisor tooth retraction in postadolescent female patients (Hershey), 45

R

Racial groups, maxillary and mandibular tooth size in different, and in different occlusal categories (Lavelle), 29
Ramal-condylar angle, relationship to malocclusion, 415 (Abst.)
Relapse following bodily retraction of teeth, transseptal fibers and (Parker), 331
Research, dentofacial, and development of diagnostic aids, role of computers (Savara), 231
Retraction, bodily, of teeth, transseptal fibers and relapse following (Parker), 331
Ringenberg, Quentin M., receives award, 202
Root resorption, apical, and dilaceration occurring in orthodontically treated teeth having incompletely formed roots at beginning of Begg treatment, incidence and amount, 524 (Abst.)

S

- Scoliosis; dentofacial changes produced during and after use of modified Milwaukee brace on *Macaca mulatta* (Cutler, Hassig, and Turpin), 115
 Sella point and postnatal growth of human cranial base (Latham), 156
 Skeletal discrepancies, some relationships between glenoid fossa position and various (Droel and Isaacson), 64
 South African Society of Orthodontists, 637
 Southern Society of Orthodontists, 423
 Southwestern Society of Orthodontists, 316
 Spanish Society of Orthodontists, 98, 201, 324
 Speidel, Thomas M., honored in Minnesota, 324
 Surgical orthodontics, appraisal (Salzmann), 105
 can surgery replace orthodontics? 627
 (Editorial)
 Surgical-orthodontic approach in uprighting impacted mandibular second molars (Johnson and Taylor), 508
 Swallowing; cinefluorographic analysis of tongue-thrusting (Massengill, Robinson, and Quinn), 402

T

- Teeth. (*See also* specific teeth)
 absence of permanent, congenital aplasia of alae nasi, deafness, hypothyroidism, dwarfism, and malabsorption syndrome of, 195 (Abst.)
 bodily retraction, transseptal fibers and relapse following (Parker), 331
 deciduous anterior, genetic influence on mesiodistal width (Di Salvo et al.), 473
 extrusion; experiments on development of dental malocclusions (Harvold, Chierici, and Vargervik), 38
 hereditary control; effect of molecular genetics and genetic engineering on practice of orthodontics (Salzmann), 466
 maxillary and mandibular, size in different racial groups and in different occlusal categories (Lavelle), 29
 orthodontic movement of, in guinea pig, effect of zinc sulfate, 417 (Abst.)
 shape deviations, index for assessing, as applied to mandibular incisors (Peck and Peck), 384
 Teratology Society, 319
 Therapy, fixed appliance, orthopedic approach, simultaneous use of cervical appliance and activator (Pfeiffer and Grobety), 353
 Thompson, John R., honored at Northwestern University, 635

- Tongue-thrusting, cinefluorographic analysis (Massengill, Robinson, and Quinn), 402
 Torquing auxiliaries, time-dependent reduction in force due to wire fatigue in various round and rectangular, 416 (Abst.)
 Transseptal fibers and relapse following bodily retraction of teeth (Parker), 331
 Treatment stability, overparalleling as factor in, 630 (Abst.)
 Tufts Association of Orthodontists, 204
 Tweed, Charles H., Foundation for Orthodontic Research, 96, 201, 211, 313, 632
 Twins, fingerprints and study of zygosity in, 86 (Abst.)

U

- Universal appliance, 193 (B. rev.)
 University of Connecticut announces postdoctoral program in biomechanics, 98
 University of Nymegen sponsors international conference on craniofacial morphogenesis, 203, 323

V

- Virginia Orthodontic Society, 323

W

- Water jet devices in dental practice, 194 (Abst.)
 Westfall, A. P., receives Martin Dewey Memorial Award, 314
 Wire fatigue in various round and rectangular torquing auxiliaries, time-dependent reduction in force due to, 416 (Abst.)
 World Dental Congress, FDI schedules orthodontic panel, 426, 531, 636

Z

- Zinc sulfate, effect on orthodontic movement of teeth in guinea pig, 417 (Abst.)

Editorials

- AAO constituent society presidents consider orthodontic health proposals, 188, 302
 Beltline orthodontics, 79
 Can surgery replace orthodontics? 627
 Reliability of prediction in orthodontics, 518
 The House of Delegates and the Association member, 413

Author index

A

- ANDREASEN, GEORGE F. Treatment approaches for adult orthodontics, 166
ANDREWS, LAWRENCE F. The six keys to normal occlusion, 296
ATHERTON, J. D., AND LOVIUS, B. B. J. The advantages and disadvantages of removable appliance therapy, 591

B

- BARTON, JOHN J. High-pull headgear versus cervical traction: A cephalometric comparison, 517
BARTON, KENNETH A. Overbite changes in the Begg and edgewise techniques, 48
BAUME, LOUIS J., FRANQUIN, J.-C., AND KÖRNER, W. W. The prenatal effects of maternal vitamin A deficiency on the cranial and dental development of the progeny, 447
BJÖRK, A., AND SKIELLER, V. Facial development and tooth eruption, 339
BUCK, D. L., AND CHURCH, D. H. A histologic study of human tooth movement, 507

C

- CHURCH, D. H. (*See* BUCK AND CHURCH), 507
COHEN, MORTON. (*See* SILVERMAN, COHEN, GIANELLY, AND DIETZ), 236
COHL, MATTHEW E., GREEN, LARRY J., AND EICK, J. DAVID. Bonding of clear plastic orthodontic brackets using an ultraviolet-sensitive adhesive, 400
CUNAT, JOHN J. The impact of interproximal band thickness on treatment and retention, 481

D

- DEKOCK, WILLIAM H. Dental arch depth and width studied longitudinally from 12 years of age to adulthood, 56
DEWEL, B. F. Response to presentation of the Albert H. Ketcham Memorial Award, 415
DIETZ, VICTOR S. (*See* SILVERMAN, COHEN, GIANELLY, AND DIETZ), 236

July, pp. 1-112; August, pp. 113-226; September, pp. 227-338, October, pp. 339-446; November, pp. 447-560; December, pp. 561-668.

- DURKIN, JAMES F. Secondary cartilage: A misnomer? 15

E

- EICK, J. DAVID. (*See* COHL, GREEN, AND EICK), 400
ELGOYHEN, JOSE CARLOS, MOYERS, ROBERT E., McNAMARA, JAMES A., JR., AND RIOLO, MICHAEL L. Craniofacial adaptation to protrusive function in young rhesus monkeys, 469

F

- FRANQUIN, J.-C. (*See* BAUME, FRANQUIN, AND KÖRNER), 447

G

- GIANELLY, ANTHONY A. (*See* PIMENIDIS AND GIANELLY), 42
—. (*See* SILVERMAN, COHEN, GIANELLY, AND DIETZ), 236
GREEN, LARRY J. (*See* COHL, GREEN, AND EICK), 400
GRIMM, FRED M. Bone bending, a feature of orthodontic tooth movement, 384

H

- HARRIS, JACOB. Restoring mandibular arch length in the mixed and early permanent dentition, 606
HITCHCOCK, H. PERRY. Pitfalls of the Crozat appliance, 461
HIXON, ERNEST, AND KLEIN, PAUL. Simplified mechanics: A means of treatment based on available scientific information, 113
HOFFMAN, WILLIAM E. A study of four types of orthodontic separator, 67

I

- ISAACSON, ROBERT J. (*See* SPEIDEL, ISAACSON, AND WORMS), 287

J

- JACOBSON, A. Attrition of teeth in the South African Bantu, 74

JOONDEPH, DONALD R. An autoradiographic study of the temporomandibular articulation in the growing *Saimiri sciureus* monkey, 272

K

KLEIN, ERNEST T. Response to presentation of Distinguished Service Scroll, 418
 KLEIN, PAUL. (*See* HIXON AND KLEIN), 113
 KÖRNER, W. W. (*See* BAUME, FRANQUIN, AND KÖRNER), 447

L

LOVIUS, B. B. J. (*See* ATHERTON AND LOVIUS), 591
 LOWY, RICHARD A. Response to presentation of Distinguished Service Scroll, 420

M

MCNAMARA, JAMES A., JR. (*See* ELGOYHEN, MOYERS, McNAMARA, AND RILO), 469
 MARBACH, JOSEPH J. Therapy for mandibular dysfunction in adolescents and adults, 601
 MOYERS, ROBERT E. (*See* ELGOYHEN, MOYERS, McNAMARA, AND RILO), 469

P

PERRY, HAROLD T., JR. Anticipating adolescent growth vectors and velocities, 580

PIMENIDIS, M. Z., AND GIANELLY, ANTHONY A. The effect of early postnatal condylectomy on the growth of the mandible, 42

R

RICHARDSON, E. R. Development of the anterior segment of the maxillary deciduous dentition, 227
 RILO, MICHAEL L. (*See* ELGOYHEN, MOYERS, McNAMARA, AND RILO), 469

S

SILVERMAN, ELLIOTT, COHEN, MORTON, GIANELLY, ANTHONY A., AND DIETZ, VICTOR S. A universal direct bonding system for both metal and plastic brackets, 236

SKIELLER, V. (*See* BJÖRK AND SKIELLER), 339

SMAHA, CHARLES N., AND VOTH, EUGENE D. A positioning device for direct bracket attachment, 394

SPEIDEL, T. MICHAEL, ISAACSON, ROBERT J., AND WORMS, FRANK W. Tongue-thrust therapy and anterior dental overbite, 287

STOREY, ELDON. Growth and remodeling of bone and bones, 142

T

TERRY, HAROLD K. Presentation of Distinguished Service Scrolls to Ernest T. Klein and Richard A. Lowy, 416

THOMPSON, WILLIAM J. Current application of Begg mechanics, 245

TOFANI, MARIA I. Mandibular growth at puberty, 176

V

VAN HOUTEN, J. T. (*See* WEISS AND VAN HOUTEN), 499

VOTH, EUGENE D. (*See* SMAHA AND VOTH), 394

W

WATSON, WAYNE G. A computerized appraisal of the high-pull face-bow, 561

WEBER, FAUSTIN N. Orthodontics in retrospect and prospect, 1

WEISS, C. E., AND VAN HOUTEN, J. T. A remedial program for tongue-thrust, 499

WEST, EUGENE E. Presentation of the Albert H. Ketcham Memorial Award to B. F. Dewel, 413

WORMS, FRANK W. (*See* SPEIDEL, ISAACSON, AND WORMS), 287

Reviews and abstracts

B

BEVIS, RICHARD, 209

C

COLLINS, GARY R., 633

D

DAVIDOVITCH, ZEEV, 95

DOYLE, MARION, 95

DUDAS, MARTIN M., 543

G

GORDON, NICHOLAS S., 544

GLAUPNER, JOHN GRAHAM, 544

GRAZIANO, FRANK W., 634

GREWE, JOHN M., 427

GUIDRY, KIRBY, 209

H

HICKMAN, JOHN H., 634

HIRSCHFELD, WILLIAM J., 317

M

McNAMARA, JAMES A., JR., 317

MARCOTTE, MICHAEL R., 634

MUCHNIC, HERBERT, 428
MUSGRAVE, KARL S., 316
MUSICH, DAVID, 95

N

NORTON, LOUIS A., 426

P

PROFFIT, W. R., 94

R

RILO, MICHAEL L., 96

S

SANDER, EDWARD L., 636
SARNAT, BERNARD G., 428
SUMMERS, CHESTER J., 428

W

WAINWRIGHT, W. MICHAEL, 635
WELLS, WILLIAM R., 208
WICKWIRE, N. A., 94

Subject index

A

Abra, John, named president-elect of Canadian Dental Association, 220
Adhesive, ultraviolet-sensitive, bonding of clear plastic orthodontic brackets with (Cohl, Green, and Eick), 400
Adolescent growth vectors and velocities, anticipating (Perry), 580
Adult orthodontics, treatment approaches (Andreasen), 166
American Association of Orthodontists, 196, 310, 412, 623
Board of Trustees, councils, and committees, directory, 336
names council chairmen for 1971-1973, 102
constituent society presidents, 101, 212
Council on Research announces award requirements for Dallas meeting, 98
call for abstracts, 211, 320, 436
specifies award requirements for 1973, 210, 320, 436
Drs. Muchnic and Williams nominated as 1973-1974 officers, 102
elects fifty-seven new affiliate members from seventeen countries, 325
installs Drs. Gaylord and Bell as president and president-elect, 210
long-range study committee, 533 (Editorial)
members serving in ADA House of Delegates, 421
take active part in ADA and FDI programs, 430
officers and organizations, directory, 112, 226, 335, 446, 560, 658
orthodontics program being offered in new format, 310
sets new requirements and reaffirms old policies, 86 (Editorial)
requirements for attendance at annual sessions, 547, 638
seventeen Armed Forces orthodontists elected as service members, 321
seventy-second session in retrospect, 200
six Association awards presented, 412
successful, 205 (Editorial)
seventy-third session, practice efficiency to be featured at Dallas meeting, 319
scheduled in Dallas next May, 546
special events scheduled for ladies, 639
total practice efficiency to be theme, 637

American Board of Orthodontics certifies seventy-three candidates during Denver examinations, 196
sets new examination schedule, 100, 214, 321
tracing requirements, 437, 547, 644
American Cleft Palate Association, 551
American Dental Association announces new volume of orthodontic abstracts, 221
twenty-fifth annual Children's Dental Health Week, 644
and FDI stress prevention in fall meeting programs, 216
House of Delegates, sixty-six AAO members serving in, 421
specialty resolutions to be considered by House of Delegates, 438
American Institute for Oral Biology, 215, 323
AMERICAN JOURNAL OF ORTHODONTICS; the JOURNAL'S year, 627 (Editorial)
American Society of Oral Surgeons, 643
approves major reorganization, 645
Appliance, removable, therapy, advantages and disadvantages (Atherton and Lovius), 591
Arch, dental, depth and width studied longitudinally from 12 years of age to adulthood (DeKock), 56
length, mandibular, restoring, in mixed and early permanent dentition (Harris), 606
Attrition of teeth in South African Bantu (Jacobson), 74
Australian Cleft Palate Seminar, 646
Australian Society of Orthodontists, 108, 327
Auxiliary personnel; orthodontics in retrospect and prospect (Weber), 8

B

Band, interproximal, thickness, impact on treatment and retention (Cunat), 481
Bantu, South African, attrition of teeth in (Jacobson), 74
Begg and edgewise techniques, overbite changes in (Barton), 48
mechanics, current application (Thompson), 245
societies, European meeting, 648
Begg Society of Orthodontists, 327
Birth defects symposium, 220

July, pp. 1-112; August, pp. 113-226; September, pp. 227-338; October, pp. 339-446; November, pp. 447-560; December, pp. 561-668.

- Bonding of clear plastic orthodontic brackets using ultraviolet-sensitive adhesive (Cohl, Green, and Eick), 400
- of orthodontic brackets; positioning device for direct bracket attachment (Smaha and Voth), 394
- Bone and bones, growth and remodeling (Storey), 142
- bending, feature of orthodontic tooth movement (Grimm), 384
- formation, *in vitro*, in controlled electrical field, 426 (Abst.)
- Bracket(s), direct attachment, positioning device for (Smaha and Voth), 394
- orthodontic, clear plastic, bonding with ultraviolet-sensitive adhesive (Cohl, Green, and Eick), 400
- British Association of Orthodontists, 106, 217, 328, 549, 646
- C
- Canadian Dental Association, John Abra named president-elect, 220
- Caries susceptibility of orthodontic patients, effects of phosphated acidulated fluoride, 208 (Abst.)
- Cartilage, secondary (Durkin), 15
- Cements, dental, comparison of selected, 633 (Abst.)
- Central American orthodontists to meet in Guatemala City, 550, 647
- Cervical traction, high-pull headgear versus: cephalometric comparison (Barton), 517
- Chicago-Jarabak Foundation, new, announced, 324
- Computer analysis; anticipating adolescent growth vectors and velocities (Perry), 580
- Computerization of craniofacial growth data, some recent developments, 96 (Abst.)
- of orthodontic practice, 424 (Editorial)
- Computerized appraisal of high-pull face-bow (Watson), 561
- Condylectomy, early postnatal, effect on growth of mandible (Pimenidis and Giannelli), 42
- mandibular, in growing and adult rabbits, facial skeletal changes after, 428 (Abst.)
- Cranial and dental development, prenatal effects of maternal vitamin A deficiency on, in progeny (Baume, Franquin, and Körner), 447
- Craniofacial adaptation to protrusive function in young rhesus monkeys (Elgoyhen et al.), 469
- complex; studies of adaptation to experimental change in form and growth of rhesus monkey, 317 (Abst.)
- form, biomathematical approach, 317 (Abst.)
- growth data, some recent developments in computerization, 96 (Abst.)
- Crozat appliance, pitfalls of (Hitchcock), 461
- D
- Dental and cranial development, prenatal effects of maternal vitamin A deficiency on, in progeny (Baume, Franquin, and Körner), 447
- arch depth and width studied longitudinally from 12 years of age to adulthood (DeKock), 56
- cements, comparison of selected, 633 (Abst.)
- open-bite, anterior, tongue-thrust therapy and (Speidel, Isaacson, and Worms), 287
- Denver Summer Meeting for Advancement of Orthodontic Practice and Research, 103
- Devlin, Gerard A., Memorial Award, 649
- Dentition, maxillary deciduous, development of anterior segment (Richardson), 227
- Distinguished Service Scroll, presentation to Ernest T. Klein and Richard A. Lowy (Terry), 416
- Duke Symposium on Orofacial Anomalies as Related to Speech Disorders, 324
- E
- Edgewise and Begg techniques, overbite changes in (Barton), 48
- Editorial; AAO sets new requirements and reaffirms old policies, 86
- computerization of orthodontic practice, 424
- interceptive orthodontics: Indications and limitations, 530
- professional organizations and personal responsibilities, 314
- the JOURNAL's year, 627
- the long-range study committee: A new venture, 533
- the successful seventy-second session, 205
- Education; orthodontics in retrospect and prospect (Weber), 2
- Eggnatz, Meyer, honored by University of Maryland School of Dentistry, 329
- F
- Face-bow, high-pull, computerized appraisal (Watson), 561
- Facial development and tooth eruption (Björk and Skjeller), 339
- growth, review of new data; tongue-thrust therapy and anterior dental open-bite (Speidel, Isaacson, and Worms), 287
- height changes and mandibular growth in twins, 543 (Abst.)
- skeletal changes after mandibular condylectomy in growing and adult rabbits, 428 (Abst.)

Fédération Dentaire Internationale, 107
and ADA stress prevention in fall meeting programs, 216
Fluoride, phosphated acidulated, effects on caries susceptibility of orthodontic patients, 208 (Abst.)
French Orthodontic Society, 652

G

Genetic engineering, 538 (Letters to editor)
Great Lakes Society of Orthodontists, 431, 548
Greater Miami Academy of Orthodontists, 648
Growth and form of rhesus monkey, studies of adaptation to experimental change in, 317 (Abst.)
and remodeling of bone and bones (Storey), 142
craniofacial, some recent developments in computerization of data, 96 (Abst.)
facial, review of new data; tongue-thrust therapy and anterior dental open-bite (Speidel, Isaacson, and Worms), 287
mandibular, and facial height changes in twins, 543 (Abst.)
at puberty (Tofani), 176
effect of early postnatal condylectomy (Pimenidis and Gianelly), 42
effectiveness of orthopedic forces in inhibiting, 634 (Abst.)
vectors and velocities, adolescent, anticipating (Perry), 580

H

Headcaps, oblique and cervical, effect on size and position of palatal complex in skeletal open-bites, 636 (Abst.)
Headgear, high-pull, versus cervical traction: cephalometric comparison (Barton), 517
Help sought in locating missing girl, 554, 647

I

Implant study at age of puberty; facial development and tooth eruption (Björk and Skjeller), 339
In memoriam, Leon D. Bryant, 630
Maynard E. Cook, 629
William Sherman Cooper, 629
Arthur V. Greenstein, 91
Samuel J. Lewis, 92
Doyle J. Smith, 91
Leuman Maurice Waugh, 535
Indian Orthodontic Society, 647
International Congress on Birth Defects, 100 on Cleft Palate, 106
Orthodontic Congress, third, 105, 218, 322, 434, 550
to be major educational event, 623
Symposium on Child Dental Health, 323
Interproximal band thickness, impact on treatment and retention (Cunat), 481

Ketcham, Albert H., Dr. Humphrey writes about, 632
Memorial Award, presentation to B. F. Dewel (West), 413

L

Lancaster Cleft Palate Clinic, 103, 214, 323
Letters to editor, 538, 632

M

Malocclusion, Class II, Division 1; advantages and disadvantages of removable appliance therapy (Atherton and Lovius), 591
computerized appraisal of high-pull face-bow (Watson), 561
Mandible, effect of early postnatal condylectomy on growth of (Pimenidis and Gianelly), 42
Mandibular arch length, restoring, in mixed and early permanent dentition (Harris), 606
condylectomy. (See Condylectomy)
dysfunction in adolescents and adults, therapy for (Marbach), 601
growth. (See Growth)
osteotomy, changes in tongue position and activity following, 94 (Abst.)
Maxillary deciduous dentition, development of anterior segment (Richardson), 227
Maxillomandibular relationship, changes in; craniofacial adaptation to protrusive function in young rhesus monkeys (Elgoyhen et al.), 469

Mechanics, Begg, current application (Thompson), 245
simplified, (Hixon and Klein), 113
Middle Atlantic Society of Orthodontists, 104, 211, 324
presentation of Gerard A. Devlin Memorial Award, 649
Midwestern Society of Orthodontists, 103, 212

N

National Children's Dental Health Week, twenty-fifth annual, announced by ADA, 644
National Foundation co-sponsors birth defects symposium, 220
New Jersey Association of Orthodontists honors Dr. Samartino, 215
New York University Medical Center, 644
News and comment, 98, 210, 319, 430, 546, 637
Northeastern Society of Orthodontists, 431, 552

O

Occlusal and skeletal disharmonies, cooperation and duration of orthodontic therapy, 427 (Abst.)
Occlusion, indices of, test of validity, 428 (Abst.)
six keys to normal (Andrews), 296

- Open-bite, anterior dental, tongue-thrust therapy and (Speidel, Isaacson, and Worms), 287
skeletal, study investigating effect of oblique and cervical headcaps on size and position of palatal complex in, 636 (Abst.)
Orofacial anomalies, symposium, 324
Orthodontic abstracts, new volume of, announced by ADA, 221
brackets, clear plastic, bonding with ultra-violet-sensitive adhesive (Cohl, Green, and Eick), 400
force, effects upon replanted teeth: histologic study, 544 (Abst.)
radiographic study, 544 (Abst.)
movement and return of root apex through cortical plate in *Macaca speciosa* monkey, 635 (Abst.)
patients, effects of phosphated acidulated fluoride on caries susceptibility of, 208 (Abst.)
practice, computerization of, 424 (Editorial)
orthodontics in retrospect and prospect (Weber), 1
separator, study of four types (Hoffman), 67
therapy, cooperation and duration, occlusal and skeletal disharmonies, 427 (Abst.)
tooth movement, bone bending (Grimm), 384
in cats, hormonal effects on, 95 (Abst.)
treatment; simplified mechanics (Hixon and Klein), 113
Orthodontic Education and Research Foundation, 553, 646
Orthodontics, adult, treatment approaches (Andreasen), 166
continuing education courses sponsored by university dental schools, 108, 222, 329, 438, 554, 653
in retrospect and prospect (Weber), 1
interceptive: indications and limitations, 530 (Editorial)
surgical, residency announced, 327
Orthopedic forces, effectiveness in inhibiting mandibular growth, 634 (Abst.)
Osteotomy, mandibular, changes in tongue position and activity following, 94 (Abst.)
Overbite changes in Begg and edgewise techniques (Barton), 48
- P**
- Pacific Coast Orthodontic Consultation Group, 106
Pacific Coast Society of Orthodontists, 219, 432, 640
Palatal complex, effect of oblique and cervical headcaps on size and position of, in skeletal open-bites, 636 (Abst.)
Pediatric dentistry symposium, international, announced by French pedodontic society, 323
Periodontium, influence of vitamin D during tooth movement, 209 (Abst.)
- Pharyngeal flap surgery, cephalometric radiographic evaluation, 316 (Abst.)
Positioning device for direct bracket attachment (Samaha and Voth), 394
Practice announcements, 110, 225, 334, 445, 559, 656
efficiency to be featured at Dallas AAO meeting, 319
Professional organizations and personal responsibilities, 314 (Editorial)
Protrusive function, craniofacial adaptation to, in young rhesus monkeys (Elgoyhen et al.), 469
Puberty, implant study at age of; facial development and tooth eruption (Björk and Skiller), 339
mandibular growth at (Tofani), 176
- R**
- Research awards presented at 1972 AAO session, 412
orthodontics in retrospect and prospect (Weber), 5
Retention, impact of interproximal band thickness on treatment and (Cunat), 481
Rocky Mountain Society of Orthodontists, 217, 652
Root apex, orthodontic movement and return of, through cortical plate in *Macaca speciosa* monkey, 635 (Abst.)
- S**
- Saimiri sciureus* monkey, growing, autoradiographic study of temporomandibular articulation in (Joondeph), 272
Samartino, Peter, honored by New Jersey orthodontists, 215
Secondary cartilage (Durkin), 15
Separator, orthodontic, study of four types (Hoffman), 67
Skeletal and occlusal disharmonies, cooperation and duration of orthodontic therapy, 427 (Abst.)
South African Society of Orthodontists, 107, 648
Southwestern Society of Orthodontists, 433
Spanish Society of Orthodontists, 431, 553, 648
Specialty resolutions to be considered by ADA House of Delegates, 438
Surgery, pharyngeal flap, cephalometric radiographic evaluation, 316 (Abst.)
Surgical orthodontics residency announced, 327
- T**
- Teeth, attrition of, in South African Bantu (Jacobson), 74
replanted, effects of orthodontic force: histologic study, 544 (Abst.)
radiographic study, 544 (Abst.)
Temporomandibular articulation in growing *Saimiri sciureus* monkey, autoradiographic study (Joondeph), 272

- Tongue position and activity, changes following mandibular osteotomy, 94 (Abst.)
- Tongue-thrust, remedial program for (Weiss and van Houten), 499
- therapy and anterior dental open-bite (Speidel, Isaacson, and Worms), 287
- Tooth eruption, facial development and (Björk and Skieller), 339
- movement, human, histologic study (Buck and Church), 507
- influence of vitamin D on periodontium during, 209 (Abst.)
- orthodontic, bone bending (Grimm), 384 in cats, hormonal effects on, 95 (Abst.)
- Toronto Orthodontic Club, 550
- Treatment and retention, impact of interproximal band thickness on (Cunat), 481
- approaches for adult orthodontics (Andreasen), 166
- Tweed, Charles H., Foundation for Orthodontic Research, 104, 213, 329
- U
- University of Connecticut announces postdoctoral program in orthodontics, 547
- University of Maryland School of Dentistry honors Dr. Eggnatz, 329
- University of Pennsylvania announces D.M.D. program for Ph.D. students, 553
- V
- Virginia Commonwealth University announces advanced basic science program, 553
- Virginia Orthodontic Society, 328
- Vitamin A, prenatal effects of maternal deficiency on cranial and dental development of progeny (Baume, Franquin, and Körner), 447
- D, influence on periodontium during tooth movement, 209 (Abst.)
- W
- Waugh, Leuman M., memorial service, 328
(See also In memoriam)
- Wire, stainless steel, optimal time and temperature for maximum moment and springback and residual stress relief of, 634 (Abst.)

